



<u>Poster #</u>	<u>Title</u>	<u>Author(s)</u>
1-1	Enhance Climate Services from Space	Mitchell Goldberg, Wei Guo & Felix Kogan
1-2	NOAA Operational Oceanic Heat Content Product Suite	David Donahue, Eileen Maturi, Nick Shay, Jodi Brewster & Jerry Guo
1-3	Influence of Terrain Characteristics on Surface Radio Refractivity Variations over North Central, Nigeria	Ajileye O. O., Kolawole I. S. & Alaga A. T.
1-4	Use Of Satellite Derived Data to Study the Characteristics of Thunderstorm Clouds in Kenya	Elisha Chanzu
1-5	Total Operational Weather Readiness - Satellites (TOWR-S) Project	Eric M. Guillot, Michael W. Johnson, Joseph K. Zajic, R. Bradley Pierce, & Brian S. Gockel
1-6	Overview of the GOES-R HRIT/EMWIN System and Impacts to the User Community	John Stephen Britton, Andrew Krepps and Jonathan Terrell
1-7	Comparison of CloudSat and TRMM radar reflectivities	K. D. Sindhu, G. S. Bhat
1-8	R2-Whoa: Challenges and solutions for executing best practices in transferring NOAA's research to NWS operations	Jordan Gerth
1-9	NOAA's Joint Polar Satellite System's Proving Ground and Risk Reduction Program – Bringing New Capabilities to Operations	Mitchell Goldberg & William Sjoberg
1-10	An analysis of the Dependence of Global Temperature Anomaly on Solar Activity and Carbon Dioxide Concentration	Kingsley Orisekeh
1-11	Operational implementation of the Linear Fit SO2 algorithm for use with S-NPP OMPS	Jianguo Niu, Zhihua Zhang, C. Trevor Beck, Lawrence Flynn & Kai Yang
1-12	New Metsat Display for National Weather Service Satellite Imagery	Robert Gillespie, Bill Bergen & Sterling Weems
1-13	The Argos Data Collection and Location System	Scott Rogerson
1-14	Assessment of GOES-R Product Potential Benefits using the NOAA Observing System Integrated Analysis II (NOSIA-II)	Louis Cantrell, David Helms, Robert Reining & Aaron Pratt

1-15	Recalibration and merging of SSU observations for stratospheric temperature trend studies	Cheng-Zhi Zou, Haifeng Qian & Likun Wang
1-16	Characterization of the Difference between Aerosol Retrievals from Multi-Sensors and AERONET	Jingfeng Huang, Hongqing Liu, Istvan Laszlo, Shobha Kondragunta, Lorraine A. Remer, Ho-Chun Huang, Hai Zhang, Stephen Superczynski, Maksym Petrenko, Brent N Holben, Robert C Levy, Ralph A Kahn & Charles M Ichoku
1-17	Algorithm to Detect Dust and Smoke in Suomi-NPP VIIRS Imagery	Shobha Kondragunta & Pubu Ciren
1-18	Inter-calibration and validation of observations from modern satellite microwave humidity and temperature sounders	Isaac Moradi & Ralph Ferraro
1-19	Implementation of a network of ground stations via GOES purposes of early warnings of extreme hydroclimatic events in the Valle del Cauca - Colombia	Oscar Ramirez
1-20	Jpss-1 Science Data Product Verification And Validation: Pre-Launch To Post-Launch Plans	Murty G. Divakarla, Lihang Zhou, Xingpin Liu, Walter Wolf, Eric Gottshall, Janna Feeley, Tom Atkins, Robert Steadley & Ray Godin
1-21	Subtropical and Tropical Frontal Passages: A Hawaii Perspective	Eric Lau & Jordan Gerth
1-22	Facilitating JPSS-1 algorithm development using EPL review process	Valerie Mikles, Kristina Sprietzer, Bigyani Das, Walter Wolf, Marina Tsidulko & Weizhong Chen
1-23	STAR Central Data Repository (SCDR): An Integrated and Effective Framework for Satellite Data Acquisition and Dissemination	Weiguo Han & Joseph Brust
1-24	Preparing for imagery from the next generation of geostationary imagers	Mathew M. Gunshor, Timothy J. Schmit, Kaba Bah, Joleen Feltz & Tom Rink
1-25	Direct Broadcast Software: CSPP and IMAPP Support for Operational Environmental Applications	Kathleen Strabala, Liam Gumley, Allen Huang, Graeme Martin, Scott Mindock, Ray Garcia, Nick Bearson, James Davies, Rebecca Cintineo, Elisabeth Weisz, Nadia Smith, Bill Smith Sr. & Brad Pierce
1-26	Advancement of Satellite-Imager Based Overshooting Top (OT) Decision Support Products	Kristopher Bedka, Konstantin Khlopenkov, Sarah Griffin & Christopher Velden
1-27	Adaptive Trending and Limit Monitoring Algorithm for GOES-R ABI Radiometric Parameters	Zhenping Li, David Pogorzala, Ken Mitchell & J.P. Douglas
1-28	Evaluating VIIRS Land Surface Albedo: Validation and Intercomparison	Dongdong Wang, Shunlin Liang, Yuan Zhou & Yunyue Yu
1-29	Assured Weather Satellite Information Delivery	Kerry Grant, Shawn Miller, Michael Jamilkowski & Shawn Cochran

1-30	Maintaining JPSS Product Quality	Kerry Grant, Wael Ibrahim, Kurt Brueske & Paula Smith
1-31	Rapid Algorithm Integration in the JPSS CGS	Kerry Grant, Shawn Miller & Michael Jamilkowski
1-32	Validation of JPSS S-NPP VIIRS Surface Type Environmental Data Record	Rui Zhang, Chengquan Huang & Xiwu Zhan
1-33	Innovating Accelerated Use of NOAA Satellite Data – The Development of Accelerator-based Models and Applications	Allen Huang, Bormin Huang, Jarno Mielikainen & Melin Huang
1-34	Comparison of Different Calibration Approaches in S-NPP CrIS Full Spectral Resolution Processing	Yong Chen, Yong Han, Likun Wang, Denis Tremblay, Xiaozhen Xiong, Xin Jin & Fuzhong Weng
1-35	Feasibility of FENGYUN-3B VIRR and METOP-B AVHRR to Detect Large Fires Based on TERRA & AQUA MODIS and SNPP VIIRS Measurements	Molina, V., Sanz, J., Salvador, P., García, M. & Casanova, J.L.
1-36	Research to Operations of New and Enhanced NESDIS Satellite Products	Stacy Bunin, Tom Schott & Bonnie Reed
1-37	NOAA's Operational Surface Temperature Products and their Applications	Eileen Maturi, John Sapper, Andy Harris, Jonathan Mittaz, Prabhat Koner, Alex Ignatov, ziaofang Zhu, Daniel Comarazomy & Jeehye Han
1-38	Improving Noah LSM Performance using Near Real Time Surface Albedo and GVF	Jifu Yin, Xiwu Zhan, Christopher R. Hain, Li Fang & Jicheng Liu
1-39	Evaluating the inter-FOV radiance difference of S-NPP CrIS Full Spectral Resolution Data Product	Xin Jin, Yong Han, Likun Wang, Denis Tremblay, Xiaozhen Xiong & Fuzhong Weng
1-40	Physical retrieval of ocean surface wind speed and its application to Typhoon analysis using passive microwave satellite remote sensing	Sungwook Hong, Hwa-Jeong Seo & Sang-Jin Lyu
1-41	RGB product for convective clouds using COMS satellite	Sungwook Hong, Yuha Kim & Sang-Jin Lyu
1-42	Vertical structure of radar reflectivity in deep intense convective clouds over the tropics	Shailendra kumar & Dr. G.S. Bhat
1-43	NOAA/STAR S-NPP CrIS Full Spectral Resolution SDR Processing	Xiaozhen Xiong, Yong Han, Yong Chen, Likun Wang, Denis Tremblay, Xin Jin & Lihang Zhou
1-44	Applications of GOES data in Brazil	Nelson J. Ferreira
1-45	Joint Polar Satellite System (JPSS) Common Ground System (CGS) Multimission Support	Shawn W. Miller, Kerry D. Grant & Michael Jamilkowski
1-46	Improvements to Ensemble Tropical Rainfall Potential (eTRaP)	Robert J. Kuligowski, Stan Kidder, Liqun Ma, Robert Glassberg, Clay Davenport, Rachel Hatteberg, Mike Turk, Sheldon Kusselson & Beth Ebert

1-47	Evaluation of Lightning Detection Networks and Implications for GOES-R GLM	Scott D. Rudlosky & Douglas Kahn
1-48	Microwave sounder cloud detection using collocated high resolution imager and its impact on radiance assimilation in tropical cyclone forecast	Hyojin Han, Jun Li, Mitch Goldberg, Pei Wang, Jinlong Li, and Zhenglong Li
1-49	A Systematic Approach to Building and Maintaining NOAA's Climate Data Records (CDRs)	Daniel Wunder, C. Hutchins, X. Zhao & W. J. Glance
1-50	Adding a Mission to the Joint Polar Satellite System (JPSS) Common Ground System (CGS)	Shawn W. Miller, Kerry D. Grant, & Michael L. Jamilkowski
1-51	Level-2 Products in the CSPP-GEO Direct Broadcast Package	Geoff Cureton, Scott Mindock, Graeme Martin & Liam Gumley
1-52	Soumi NPP CrIS Radiometric Calibration Stability Assessment: A Perspective from Two Years' Inter-Comparison with AIRS and IASI	Likun Wang, Yong Han, Xin Jin, Yong Chen, Denis Tremblay, Xiaozheng Xiao & Mitch Goldberg
1-53	Characteristics of Detected Salt Storms by AVHRR Sensor on Noaa Satellites From 2006 to 2014 in Argentina	Diana Rodriguez, Silvana Carina Bolzi & Inés Velasco
1-54	Impact of the satellite-derived inner core data on HWRP hurricane intensity forecasts	Qingfu Liu, Banglin Zhang, Xiaolin Xu, Fuzhong Weng & Vijay Tallapragada
1-55	The impact of the high temporal resolution GOES/GOES-R moisture information on severe weather systems in regional NWP model	Pei Wang, Jun Li, Yong-Keun Lee, Zhenglong Li, Jinlong Li, Zhiquan Liu, Tim Schmit & Steve Ackerman
1-56	NOAA/NESDIS Sounding Data Products from the Next Generation Of Satellites	Awdhesh Sharma
1-57	Precipitation Validation to support NOAA operational Products	J.J. Wang, S. D. Rudlosky & R. R. Ferraro
1-58	Extending the long-term data records of SO2 and NO2 with the SNPP OMPS Nadir Mapper	Kai Yang, Simon A. Carn, Cui Ge & Jun Wang
1-59	Using hyper-spectral sounding products to improve short-range forecasts in the Alaska Region	Ralph A. Petersen, Lee Cronce, William Line & Robert Aune
1-60	Infrared and Microwave Data Addition Observing System Experiment Impacts using the NCEP Global Forecast System	James A. Jung & Mitch Goldberg

<u>Poster #</u>	<u>Title</u>	<u>Author(s)</u>
2-1	Assessment of J1 VIIRS Polarization Sensitivity Impacts on Sensor Data Records	Wenhui Wang, Changyong Cao & Aaron Pearlman
2-2	Rapid updates of NOx emissions to support NOAA ozone forecasting	Daniel Tong, Li Pan, Lok Lamsal, Pius Lee, Youhua Tang, Hyuncheol Kim, Min Huang, Ivanka Stajner, Lawrence Flynn, Shobha Kondragunta & Kenneth Pickering
2-3	Direct Broadcast and Stored Mission Data Behavior in Relation to CrIS Full Spectrum	Kevin Gross & Sean Lyons
2-4	Value-added Impact of Geostationary Hyperspectral Infrared Sounder on Storm forecasts – A quick regional OSSE demonstration	Zhenglong Li, Jun Li, Feng Zhu, Pei Wang, Timothy Schmit, Agnes Lim, Robert Atlas & Ross Hoffman
2-5	Evaluation of the VIIRS Risk Reduction Aerosol Optical Thickness Algorithm	Hongqing Liu & Istvan Laszlo
2-6	A near real time satellite data assimilation system at CIMSS for research and applications on using JPSS and GOES-R	Jun Li, Jinlong Li, Pei Wang, Hyojin Han & Tim Schmit
2-7	Verifying NWP model analyses and forecasts using simulated satellite imagery	Thomas Blackmore, Roger Saunders & Simon Keogh
2-8		
2-9	Vicarious validation of straylight correction for VIIRS Day/Night Band using Dome-C	Shi Qiu, Xi Shao, Changyong Cao & Wenhui Wang
2-10	GOES-R AWG Collocation Project Status	Greg Quinn, Bob Holz, Fred Nagle & Ralph Kuehn
2-11	Facilitation of OMPS Dark Table Production Transition to GRAVITE by STAR Algorithm Integration Team (AIT)	Bigyani Das, Weizhong Chen, Kristina Sprietzer & Walter Wolf
2-12	Suomi NPP VIIRS Imagery Update	Don Hillger, Curtis Seaman, Steven Miller, Thomas Kopp, Ryan Williams & Gary Mineart
2-13	Investigating and monitoring the hurricane inner core structure with retrieved temperatures from NPP ATMS	Banglin Zhang, Qingfu Liu, Vijay Tallapragada & Fuzhong Weng
2-14	Modeling Suomi-NPP VIIRS Solar Diffuser Degradation due to Space Radiation	Xi Shao & Changyong Cao
2-15	Latest developments related to the improvement of the operational NOAA VIIRS active fire product	Ivan Csiszar, Louis Giglio, Wilfrid Schroeder & Evan Ellicott
2-16		
2-17	Towards Improving our Understanding on the Retrievals of Key Bio-physical Parameters from Space: the work done within the PREMIER-EO Project	Prashant K. Srivastava, George P. Petropoulos, Gareth Ireland, Matthew R. North & Crona Huges
2-18	Neural Network Technique for Gap-Filling of Satellite Ocean Color Observations for use in Numerical Modeling	Sudhir Nadiga, Vladimir Krasnopolsky, Avichal Mehra, Eric Bayler & David Behringer

2-19	Integrating Changes to VIIRS Vegetation Index Algorithm using Algorithm Development Library (ADL)	Qiang Zhao, Bigyani Das, Weizhong Chen, Marina Tsidulko, Valerie Mikles & Walter Wolf
2-20	Automated JPSS Products Processing of the Algorithm Development Library (ADL) by using Chain Run Scripts	Weizhong Chen, Bigyani Das, Kristina Sprietzer, Valerie Mikles, Marina Tsidulko, Yunhui Zhao, Qiang Zhao, Vipuli Dharmawardane & Walter Wolf
2-21	Accurate Data Flow Management Tool Facilitates Operational Stability and Risk Management in a Complex and Dynamic Science Processing Environment	Laura Ellen Dafoe & Jeffrey Hayden
2-22	Real-time Monitoring Land Surface Vegetation Phenology from VIIRS Observations	Xiaoyang Zhang, Lingling Liu & Yunyue Yu
2-23	The development of the GOES Early Fire Detection (GOES-EFD) system to reduce disaster vulnerability in America	Alexander Koltunov, Brad Quayle, Susan Ustin, Elaine Prins, Vince Ambrosia & Carlos Ramirez
2-24		
2-25	Evaluate and constrain modeled ozone and its source contributions in the US using satellite trace gas observations	Min Huang, Kevin Bowman, Greg Carmichael, Meemong Lee, Dejian Fu, Tianfeng Chai, Daniel Tong, Pius Lee & Youhua Tang
2-26	VIIRS Boats, Lights, Fires and Flares	Chris Elvidge, Kimberly Baugh, Feng-Chi Hsu, Mikhail Zhizhin, Tilottama Ghosh
2-27	Development of the Visible Detector Assembly for the Flexible Combined Imager on MTG	James Endicott, J. Pratlong, A. Pike, W. Hubbard, P. Jerram, A. Walker & D. Davies
2-28	Impact of AMSU Derived Hydrological Products on Merged Precipitation Products	Thomas M. Smith, Ralph R. Ferraro, Huan Meng & Wenze Yang
2-29	Developing VIIRS Ocean Color Products for Coral Reef Ecosystem Managers	Alan E. Strong, Menghua Wang, C. Mark Eakin, Eric Geiger, William Hernandez, & Maria Cardona
2-30	A Prototype Precipitation Retrieval Algorithm for Advanced Technology Microwave Sounder (ATMS)	Yalei You, Nai-Yu Wang & Ralph Ferraro
2-31	Survey of OSPO Efforts to Improve Operational GOES Imagery	S. Hadesty, K. Ludlum, N. Sanders & C. Thomas
2-32	Production of Satellite Land Surface temperature dataset at STAR	Yunyue Yu, Yuling Liu, Peng Yu, Yuhan Rao & Ivan Csiszar
2-33	Quality Assessment of Suomi NPP VIIRS Land Surface Temperature Product	Yuling Liu, Yunyue Yu, Peng Yu & Zhuo Wang
2-34		
2-35	Addressing User Demands: Enhancing NOAA Coral Reef Watch's Satellite Decision Support System for Coral Reef Managers	Erick F. Geiger, C. Mark Eakin, Gang Liu, Jacqueline L. De La Cour, Scott F. Heron, William J. Skirving, Alan E. Strong
2-36	Updates on the NESDIS Operational Blended TPW Products	Limin Zhao, Stanley Kidder, Sheldon Kusselson, John Forsythe, Andrew Jones, Ralph Ferraro, Clay Davenport, Vicky Lin & Stephen Quinn

2-37	GOES-R GRB direct readout at NWS National Centers	Harlan Yates, Liz Nielsen & Allan Weiner
2-38	Comparison of Atmospheric Rivers depicted from satellite and NWP reanalysis	Wenze Yang & Ralph Ferarro
2-39	Use of Weather Satellite Data for Federal Aviation Administration Operations	Randall Bass & Steve Abelman
2-40	Testing of Emissivity Explicit Retrieval Algorithms for VIIRS Land Surface Temperature	Peng Yu, Yunyue Yu, Yuling Liu & Zhuo Wang
2-41	GOES-R Impact on NCEP Computing	James Gundy, Gregg Kowalski, Bradley Brown-Bergtold & Allan Weiner
2-42	Monitoring and forecasting Dust Haze over West Africa using satellite imageries and Numerical Weather Prediction output	Abdou Adam Abdoul-Aziz Abebe, Abdelkrim Ben Mohamed, Ilboudo Goama & Saley Diori
2-43	Suomi NPP VIIRS Reflective Solar Band On-orbit Radiometric Performance Assessment	Sirish Uprety & Changyong Cao
2-44	Improved Ground-Based Polarization Sensitivity Measurement Capability for Next-Generation Environmental Remote Sensing Systems	Aaron J. Pearlman, Frank Padula, Changyong Cao & Xiangqian Wu
2-45	Evaluation of Near Surface UAV Capabilities for the GOES-R Field Campaign	Francis Padula, Changyong Cao, Istvan Laszlo, Yunyue Yu & Steve Goodman
2-46	The Algorithm Workbench: Data-Driven Software for Ground Processing System Development, Test, and Operations	Alexander Werbos, David B. Hogan, Daniel Hunt, Erik Steinfeldt & T. Scott Zaccheo
2-47	Volcanic Cloud Detection, Characterization, Alerting, and Modeling Applications for GOES-R	Mike Pavolonis, Justin Sieglaff & John Cintineo
2-48	Improved Engineering Analysis for GOES-R	Bruce Twambly
2-49	Integrating Changes to JPSS Cross-Track Infrared Sounder (CrIS) SDR Algorithm using the Algorithm Development Library (ADL)	Vipuli Dharmawardane, Bigyani Das, Valerie Mikles & Walter Wolf
2-50	Preparing for GOES-R and JPSS at the Satellite Proving Ground for Marine, Precipitation and Satellite Analysis	Michael J. Folmer, Joseph Sienkiewicz, James Clark, Hugh Cobb, Nelsie Ramos, David Novak, Andrew Orrison, Jamie Kibler, Scott Rudlosky, Steve Goodman & Mitch Goldberg
2-51	Use of JPSS ATMS and VIIRS data to Improve Tropical Cyclone Track and Intensity Forecasting	Galina Chirokova, Mark DeMaria, Robert DeMaria, John Knaff, Jack Dostalek & John L. Beven
2-52	Processing Himawari-8 Geostationary Satellite Data Using GOES-R Algorithms for Algorithm Continuity in Operations	Jonathan Wrotny, A. Li, H. Xie, M. Fan, R. Chen, T. Yu, S. Sampson, W. Wolf, W. Straka, A. Heidinger & J. Daniels
2-53	Impact Analysis of LEO Hyperspectral Sensor IFOV size on the next generation NWP model forecast performance	Agnes Lim, Zhenglong Li, James Jung, Allen Huang, Jack Woollen, Greg Quinn, FW Nagle, Jason Otkin & Mitch Goldberg
2-54	Using GOES Imagery as Pointing Truth for TEMPO Image Navigation and Registration	Kerrie Allen, James L. Carr, Brad Pierce, Joseph Fox-Rabinovitz, Norman Lo & David Zakar
2-55	On the Use of 1-Minute Satellite Imagery in the Storm Prediction Center	Bill Line

**Poster Session II****Wednesday April 29, 2015****10:30 am & 3:00 pm**

<b>2-56</b>	Improve volcanic ash simulation with Hybrid Single Particle Lagrangian Integrated Trajectory (HYSPLIT) dispersion model by assimilating satellite observations	Tianfeng Chai, Alice Crawford, Barbara Stunder, Roland Draxler, Michael J. Pavolonis, and Ariel Stein
<b>2-57</b>	An Initial Comparison of NASA GPM Precipitation Products to NOAA operational Products	Ralph Ferraro, Nai-Yu Wang, Yalei You, Patrick Meyers & Huan Meng
<b>2-58</b>	The VIIRS Active Fire Data for Fire Management: A review of the Proving Ground and Risk Reduction (PGRR) Project efforts	Evan Ellicott, Ivan Csiszar, Wilfrid Schroeder, Louis Giglio & Chris Justice
<b>2-59</b>	High-resolution Atmospheric Motion Vectors (AMVs) for application in high-impact weather events in the GOES-R era	Christopher Velden, Jaime Daniels, David Stettner, Steve Wanzong & Wayne Bresky
<b>2-60</b>	Evaluation of the impact of satellite radiance data within the hourly Rapid Refresh data assimilation system	Haidao Lin, Steve Weygandt, Ming Hu, Curtis Alexander & Stan Benjamin

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3-1	3D Printing with CLASS: Making Models for Education and Outreach Using Satellite Weather Imagery	Francis Reddy
3-2	Mapping Floods due to snowmelt and ice jam in Alaska Area using NPP VIIRS data	Donglian Sun, Sanmei Li, Bill Sjoberg & Mitch Goldberg
3-3	Analysis of sea surface sound speed near the Changjiang River mouth using passive microwave remote sensing	Bumjun Kil
3-4	Synthetic Satellite Imagery: A New Tool for GOES-R User Readiness and Cloud Forecast Visualization	Dan Lindsey, Louie Grasso & Dan Bikos
3-5	Improvements to SCaMPR Rainfall Rate Algorithm	Yan Hao, Robert J. Kuligowski & Yaping Li
3-6	Green Vegetation fraction derived from the Visible Infrared Imaging Radiometer Suite (VIIRS) sensor onboard the SNPP satellite	Zhangyan Jiang, Marco Vargas, Junchang Ju & Ivan Csiszar
3-7	Two New Multi-Spectral Composite Satellite Products and their Use by NWS Alaska Region in Identifying Low Clouds and Fog	Eric Stevens, Kevin Fuell, Lori Schultz & Matt Smith
3-8	The Unique Radiometric Calibration Trending Behavior of the GOES Imagers and Sounders	Kenneth Mitchell, Merrisa Griffin & J. Paul Douglas
3-9	Stereo Cloud Top Height Products for the GOES-R Era	Houria Madani & James L. Carr
3-10	Overview of the Limb Imaging Spectrometer	Xiaohu Yang, Yu Huang & Shurong Wang
3-11	NOAA / NESDIS Operational Air Quality Satellite Products	Liqun Ma, Hanjun Ding & Zhaohui Cheng
3-12	Use of NOAA Satellite Data by the Bahamian Meteorological Service	Gregory Gibson
3-13	Using the NOAA Unique CrIS/ATMS processing System (NUCAPS) to explore hyper-spectral sounding capabilities during extreme events: lessons learned from the CalWater 2015 campaign.	Antonia Gambacorta, Christopher Barnet & Mitchell Goldberg
3-14	Access to GOES-R Satellite Data and Products with McIDAS and Mobile Apps	D. Santek, R. Dengel, S. Batzli, D. Parker & N. Bearson
3-15	Python Access to Real-time and Archive Satellite Data	Jerrold Robaidek, Ray Garcia, Eva Schiffer, Dave Santek, Tommy Jasmin, Kevin Hallock & David Stettner
3-16	A CERES-Consistent Cloud Property Climate Data Record Using AVHRR Data	Patrick Minnis, Kristopher Bedka, David Doelling, Seiji Kato, Qing Trepte, Sarah Bedka, Benjamin Scarino, Chris Yost, Konstantin Khlopenkov, Gang Hong, Mandana Khaiyer, Rabindra Palikonda, Arun Gopalan, Rajendra Bhatt, Conor Haney, Alok Shrestha & Patrick Heck
3-17	A Land Product Characterization System for analysis and validation of ABI and VIIRS land data and products	Kevin Gallo, Calli Jenkerson, Steve Foga, Greg Stensaas & John Dwyer

3-18	NOAA Okeanos Ocean Color Operational Product System: A Newly Developed Web-based QA Monitoring Tool for Ocean Color Operational Products	Banghua Yan, Ian Simpson, Edmond Rodriguez, Derek Van Pelt & Antonio Irving
3-19	Operational Wind Products at NOAA/NESDIS	Hongming Qi, Jaime Daniels, Paul Chang, William Pennoyer, Andrew Bailey, Jeffrey Augenbaum & Yufeng Zhu
3-20	Ingest and Analysis of NPP-VIIRS data from the NOAA CLASS system: Radiometric Calibration, Bow Tie Correction and Derived Dataset support in the ENVI COTS Software	Greg Terrie, Patrick Collins, Robert Schafer & Amanda O'Connor
3-21	Using VIIRS DNB and OMI NO2 retrievals for constraining NOx Emissions	Brad Pierce
3-22	Cross-track Infrared Sounder (CrIS) CO2 Information Content and Retrieval Sensitivity Study	Cong Zhou, Nadia Smith & Hung-Lung Allen Huang
3-23	NOAA Soil Moisture Operational Product System (SMOPS): Version 2	Jicheng Liu, Christopher Hain, Zhengpeng Li, Li Fang, Jifu Yin, Xiwu Zhan & Limin Zhao
3-24	Development of surface reflectance ratios database for VIIRS AOT retrieval over land	Hai Zhang, Hongqing Liu, Shobha Kondragunta, Istvan Laszlo, Lorraine Remer, Jingfeng Huang & Stephen Superczynski
3-25	CSPP GEO GVAR data conversion for use in GOES-R algorithms	Scott Mindock, Jessica Braun & Graeme Martin
3-26	Comparison of the NOAA NDE VIIRS and the NASA C6 MODIS Cloud Masks Over the Entire EOS AQUA Record.	Andrew K. Heidinger, Steven A. Ackerman, Denis Botambekov & Richard Frey
3-27	Better Weather Forecast using NOAA Satellite Data by National Meteorological Institute (INMET)	Alaor Moacyr Dall'Antonia Jr, Wagner de Aragão Bezerra & Kleber Renato da Paixão Ataide
3-28	Recent additions to the Community Satellite Processing Package (CSPP) from algorithm developers at NOAA	James E. Davies, Aronne Merrelli, Kathy Strabala, Liam Gumley, Allen Huang, Christopher Grassotti, Xiwu Zhan, Christopher Barnet, Thomas King, John D. Stroup & Yury Kihai.
3-29	Night Light Pollution in Large Coastal Urban Areas Through Nighttime DMSP Satellite Images	Carlos Cotlier, Cristina Pacino, Benito Vicioso, Laura Barpada, Gabriel Cotlier, Diego López & Dardo Delorenzi
3-30	El Salvador Natural Phenomena Monitoring Stations with Satellite Communication	Edwin Escobar
3-31	ATMS/AMSU Snowfall Rates during the 2014-15 Winter Season	Huan Meng, Cezar Kongoli, Jun Dong, Ralph Ferraro & Bradley Zavodsky
3-32	Improvement of cloud detection with COMS in the day-night transition area	Byung-il Lee, Hyungmin Park & Sung-Rae Chung
3-33	Selenographic Coordinate Mapping of Lunar Observations by GOES Imager	Xi Shao, Xiangqian Wu & Fangfang Yu
3-34	Profiling Deep Cloud Systems with Satellite Imager Data and Potential Applications	William L. Smith Jr., Cecilia Fleeger, Douglas Spangenberg, Patrick Minnis & Mandana Khaiyer

3-35	Use of VIIRS RSBAutoCal in Calibration Monitoring and Direct Readout Support	Slawomir Blonski & Changyong Cao
3-36		
3-37	GOES-R Atmospheric Motion Vectors Future Use in NCEP GFS	Sharon Nebuda, Jim Jung, Dave Santek, Jaime Daniels & Wayne Bresky
3-38	GOES-East satellite images processing in Uruguay and future perspectives	Rodrigo Alonso Suárez, Ricardo Siri, Nicolás Wainstein & Gonzalo Abal
3-39	S-NPP Operational Products at NOAA/NESDIS/OSPO	Shuang Qiu & Antonio Irving
3-40	JPSS SMD Data Capture and Processing & Distribution Hub Systems	Harek Gamst & Kenneth Pettersen
3-41	Integrated Satellite Network of the Direccion Meteorologica de Chile (DMC): Description, Available Products and Future Plans	Juan Pizarro
3-42	Status and future plan of development of meteorological products through Korean Geo-KOMPSAT-2A satellite	Sung-Rae Chung, Byung-il Lee, Tae-Myung Kim, Eun-Bin Park & Jae-Gwang Won
3-43	Not-So Silent Night: Suomi NPP's Day/Night Band Makes Waves as a Disruptive Technology to Characterization of the Nocturnal Environment	Steven Miller, William Straka III, Cindy Combs, Curtis Seaman & Jia Yue
3-44	Early Inter-sensor comparison result of Himawari-8 Advanced Baseline Imager with the Visible Infrared Imaging Radiometer Suite	Mike Chu, Xiangqian Wu & Fangfang Yu
3-45	Monitoring of Forest Fire Hotspots	Jesús Romero
3-46	GEONETCast Américas, Costa Rica	Rodolfo Sánchez
3-47	Verification of Soil moisture Estimations from AMSR-E and AMSR-2	Gloria Cristina Pujol
3-48	VIIRS Active Fires algorithm integration in NPP Data Exploitation (NDE) environment: research to operations	Marina Tsidulko, Walter Wolf, Ivan Csiszar, Louis Giglio & Wilfrid Schroeder
3-49	Quality Control of Requirement Documentation Using SASQUATCH (Simplified And Streamlined QUALity Assurance Through Coding Help) Perl Script	Kay Kristina Sprietzer, Valerie Mikles, Bigyani Das, Weizhong Chen, Marina Tsidulko, Yunhui Zhao, Vipuli Dharmawardane & Qiang Zhao
3-50	Using Satellite Information in Energy Applications in Costa Rica	Evelyn Quiros & N. Alvarado
3-51	Validation of Suomi NPP-VIIRS IST using IceBridge Measurements	Mark Tschudi, Richard Dworak, Yinghui Liu & Jeffrey Key
3-52	Alaska Direct Broadcast	Gwendolyn Bryson, Jay Cable, Jeremiah Dabney, Carl Dierking, Tom Heinrichs, Scott Macfarlane, Eric Stevens & Greg Wirth
3-53	Arctic Weather Every 10 Minutes: Design and Operation of ABI for PCW	Paul Griffith & Susan Wirth
3-54	Monitoring Meteorological Data	Jorge Chira

<b>3-55</b>	Satellite Images: Tools for an Efficient and Timely Early Alert System	Francisco Argeñal
<b>3-56</b>	Investments and Preparations for GOES-R in Costa Rica	Eladio Solano
<b>3-57</b>	OMPS Limb Profiler Aerosol Extinction Algorithm Development	Robert Loughman, Ernest Nyaku, P.K. Bhartia & Nick Gorkavyi
<b>3-58</b>	Use of GEONETCast Americas by the Belize Meteorological Service	Dwayne Scott
<b>3-59</b>	Low Cost NOAA Satellite Signal Receiver for the Characterization of Astronomical Sites	Gary Flores, Ericson Lopez, Luis Tituaña, Edwin Mena, Daniel Vera & Enrique Lascano
<b>3-60</b>	Suomi NPP CrIS and Metop IASI Sounding Validation	William L. Smith Sr., Allen Larar, Henry Revercomb, Elisabeth Weisz & Joseph Taylor